## ABSTRACT OF THE DISCLOSURE

Agglomerates 20 in a mixed phase container 1 are detected by measuring strain in a detecting rod 50 disposed in the mixed phase container 1 in which a mixed phase of gas and powders is formed. The detecting rod 50 is disposed at an insertion angle  $\theta$  in the range from 20 degrees to 70 degrees with relation to the flow of gas and powders.